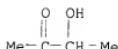


CI COM
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS,
CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, DETHERM*, EMBASE,
GMELIN*, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB, MEDLINE, MRCK*,
MSDS-OHS, NAPRALERT, NIOSHTIC, PIRA, PROMT, RTECS*, SPECINFO, TOXLINE,
TOXLIT, USPATFULL
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)



2176 REFERENCES IN FILE CA (1967 TO DATE)
12 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
2177 REFERENCES IN FILE CAPLUS (1967 TO DATE)
21 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s phenol/cn

L3 1 PHENOL/CN

=> d

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2001 ACS
RN 108-95-2 REGISTRY
CN Phenol (8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN Benzenol
CN Carboxlic acid
CN ENT 1814
CN Hydroxybenzene
CN Monohydroxybenzene
CN Monophenol
CN Oxybenzene
CN Phenic acid
CN Phenyl alcohol
CN Phenyl hydrate
CN Phenyl hydroxide
CN Phenyllic acid
CN Phenyllic alcohol
FS 3D CONCORD
DR 8002-07-1, 14534-23-7, 50356-25-7
MF C6 H6 O
CI COM
LC STN Files: ADISNEWS, AGRICOLA, AIDSLINE, ANABSTR, APIPLIT, APIPLIT2,
APIPAT, APIPAT2, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA,
CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX,
CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM*, DIOGENES,
DIPPR*, DRUGU, EMBASE, GMELIN*, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA,
MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM*, PIRA, PROMT,
RTECS*, SPECINFO, SYNTHLINE, TOXLINE, TOXLIT, TRCTHERMO*, TULSA,
ULIDAT, USAN, USPATFULL, VETU, VTB
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2001 ACS
RN 110-19-0 REGISTRY
CN Acetic acid, 2-methylpropyl ester (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Acetic acid, isobutyl ester (6CI, 8CI)
OTHER NAMES:
CN .beta.-Methylpropyl ethanoate
CN 2-Methylpropyl acetate
CN **Isobutyl acetate**
FS 3D CONCORD
MF C6 H12 O2
CI COM
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOPHARMA, BIOSIS,
BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMLIST,
CHEMSAFE, CIN, CSCHM, CSNB, DETHERM*, DIPPR*, EMBASE, GMELIN*, HODOC*,
HSDB*, IFICDB, IFIPAT, IFIUDB, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT,
NIOSHTIC, PDLCOM*, PROMT, RTECS*, SPECINFO, TOXLINE, TOXLIT,
TRCTHERM*,
TULSA, USPATFULL
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

i-Bu-O- Ac

1429 REFERENCES IN FILE CA (1967 TO DATE)
3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1432 REFERENCES IN FILE CAPLUS (1967 TO DATE)
65 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s acetoin/cn

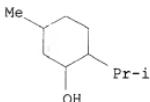
L2 1 ACETOIN/CN

=> d

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2001 ACS
RN 513-86-0 REGISTRY
CN 2-Butanone, 3-hydroxy- (8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN (+-)-3-Hydroxybutan-2-one
CN (-)-Acetoin
CN .gamma.-Hydroxy-.beta.-oxobutane
CN 1-Hydroxyethyl methyl ketone
CN 2,3-Butanolone
CN 2-Hydroxy-3-butanone
CN 3-Hydroxy-2-butanone
CN 3-Oxo-2-butanol
CN **Acetoin**
CN Acetyl methyl carbinol
CN Dimethylketol
CN DL-Acetoin
CN Methanol, acetyl methyl-
FS 3D CONCORD
DR 52217-02-4
MF C4 H8 O2

```
=> s menthol/cn
L5          2 MENTHOL/CN
=> d
```

L5 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2001 ACS
RN 1490-04-6 REGISTRY
CN Cyclohexanol, 5-methyl-2-(1-methylethyl)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN **Menthol (8CI)**
OTHER NAMES:
CN 1-Methyl-4-isopropyl-3-cyclohexanol
CN 2-Isopropyl-5-methylcyclohexan-1-ol
CN 2-Isopropyl-5-methylcyclohexanol
CN 3-Hydroxy-p-methane
CN 5-Methyl-2-isopropylcyclohexanol
CN Menthyl alcohol
CN p-Menthane-3-ol
FS 3D CONCORD
MF C10 H20 O
CI COM
LC STN Files: ADISNEWS, AGRICOLA, AIDSLINE, ANABSTR, BEILSTEIN*,
BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABAB, CANCERLIT, CAOLD, CAPLUS,
CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMR, CHEMLIST, CIN, CSCHM,
CSN, DDFU, DETHERM*, DIOGENES, DRUGU, EMBASE, GMELIN*, HODOC*, IFICDB,
IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS, PDLCOM*, PHAR, PIRA, PROMT,
RTECS*, SPECINFO, TOXLINE, TOXLIT, USAN, USPATFULL, VETU, VTB
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)



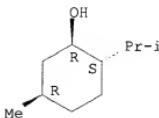
1715 REFERENCES IN FILE CA (1967 TO DATE)
49 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1718 REFERENCES IN FILE CAPLUS (1967 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

```
=> d 2
```

L5 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2001 ACS
RN 89-78-1 REGISTRY
CN Cyclohexanol, 5-methyl-2-(1-methylethyl)-, (1R,2S,5R)-rel- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Cyclohexanol, 5-methyl-2-(1-methylethyl)-, (1.alpha.,2.beta.,5.alpha.)-
CN Menthol, cis-1,3,trans-1,4- (8CI)
OTHER NAMES:
CN (.-.)-Menthol
CN dl-Menthol
CN Hexahydrothymol
CN Mentha camphor

CN **Menthol**
 CN Menthomenthol
 CN Peppermint camphor
 CN rac-Menthol
 CN Racementhol
 FS STEREOSEARCH
 DR 15356-70-4
 MF C10 H20 O
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS,
 BIOSIS,
 BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMINFORMRX,
 CHEMLIST, CIN, CSCHEM, CSNB, DIOGENES, EMBASE, GMELIN*, HODOC*, HSDB*,
 IFICDB, IFIPAT, IFIUDB, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PDLCOM*,
 PIRA, PROMT, RTECS*, SPECINFO, TOXLINE, TOXLIT, USAN, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

Relative stereochemistry.



1689 REFERENCES IN FILE CA (1967 TO DATE)
 30 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1691 REFERENCES IN FILE CAPLUS (1967 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s 2-phenylethanol/cn

L6 1 2-PHENYLETHANOL/CN

=> d

L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2001 ACS
 RN 60-12-8 REGISTRY
 CN Benzenethanol (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Phenethyl alcohol (8CI)
 OTHER NAMES:
 CN (2-Hydroxyethyl)benzene
 CN .beta.-(Hydroxyethyl)benzene
 CN .beta.-PEA
 CN .beta.-Phenethanol
 CN .beta.-Phenethyl alcohol
 CN .beta.-Phenylethanol
 CN .beta.-Phenylethyl alcohol
 CN 2-Phenethanol
 CN 2-Phenethyl alcohol
 CN 2-Phenyl-1-ethanol
 CN **2-Phenylethanol**
 CN 2-Phenylethyl alcohol
 CN Benzyl carbinol
 CN Ethanol, 2-phenyl-
 CN PEA
 CN Phenethanol
 CN Phenylethanol

CN Phenylethyl alcohol
FS 3D CONCORD
MF C8 H10 O
CI COM
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOPHARMA, BIOSIS,
BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,
CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM*,
DIPPR*, DRUGU, EMBASE, GMELIN*, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB,
IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM*, PIRA,
PRMT, RTECS*, SPECINFO, SYNTHLINE, TOXLINE, TOXLIT, USAN, USPATFULL,
VETU
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

HO—CH₂—CH₂—Ph

5700 REFERENCES IN FILE CA (1967 TO DATE)
119 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
5714 REFERENCES IN FILE CAPLUS (1967 TO DATE)
11 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> d his

(FILE 'HOME' ENTERED AT 13:39:14 ON 27 AUG 2001)

FILE 'REGISTRY' ENTERED AT 13:39:18 ON 27 AUG 2001

L1 1 S ISOBUTYL ACETATE/CN
L2 1 S ACETOIN/CN
L3 1 S PHENOL/CN
L4 1 S GUIACOL/CN
L5 2 S MENTHOL/CN
L6 1 S 2-PHENYLETHANOL/CN

=> s ethyl acetate/cn

L7 1 ETHYL ACETATE/CN

=> d

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2001 ACS
RN 141-78-6 REGISTRY
CN Acetic acid ethyl ester (8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:

CN Acetic acid, ethyl ester
CN Acetic ether
CN Acetidin
CN Acetoxymethane
CN Ethyl acetate
CN Ethyl ethanoate
CN EtOAc
CN Vinegar naphtha
FS 3D CONCORD
MF C4 H8 O2
CI COM
LC STN Files: AGRICOLA, ANABSTR, APILIT, APILIT2, APIPAT, APIPAT2,
BEILSTEIN*, BIOPHARMA, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS,
CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN,
CSCHEM, CSNB, DDFU, DETHERM*, DIPPR*, DRUGU, EMBASE, GMELIN*, HODOC*,
HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS,
NAPRALERT,

NIOSHTIC, PDLCOM*, PIRA, PROMT, RTECS*, SPECINFO, SYNTHLINE, TOXLINE,
TOXLIT, TRCTHERMO*, TULSA, ULIDAT, USAN, USPATFULL, VETU, VTB
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

Et—O—Ac



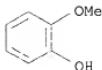
50373 REFERENCES IN FILE CA (1967 TO DATE)
7765 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
50413 REFERENCES IN FILE CAPLUS (1967 TO DATE)
11 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s guaiacol/cn

L4 1 GUAIACOL/CN

=> d

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2001 ACS
RN 90-05-1 REGISTRY
CN Phenol, 2-methoxy- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Phenol, o-methoxy- (8CI)
OTHER NAMES:
CN 1-Hydroxy-2-methoxybenzene
CN 2-Hydroxyanisole
CN 2-Methoxyphenol
CN Anastil
CN Guaiacol
CN Guaiastil
CN o-Guaiacol
CN o-Hydroxyanisole
CN o-Methoxyphenol
CN O-Methyl catechol
CN Pyrocatechol monomethyl ether
CN Pyroguaic acid
FS 3D CONCORD
MF C7 H8 O2
CI COM
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS,
BIOSIS,
BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN,
CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM*,
DIOGENES, DIPPR*, DRUGU, EMBASE, GMELIN*, HODOC*, HSDB*, IFICDB,
IFIPAT,
IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC, PIRA,
PROMT,
RTECS*, SPECINFO, SYNTHLINE, TOXLINE, TOXLIT, UOLIDAT, USAN, USPATFULL,
VTB
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)



4701 REFERENCES IN FILE CA (1967 TO DATE)
167 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
4710 REFERENCES IN FILE CAPLUS (1967 TO DATE)
19 REFERENCES IN FILE CAOLD (PRIOR TO 1967)